WHAT IS CLAIMED IS:

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- 1. A method of diagnosing a malfunction of a clutch of a motor vehicle with a transmission, comprising the steps of:
 - a) by means of a first sensor, generating a first electrical signal, which indicates if the motor vehicle is standing still;
 - b) by means of a second sensor, generating a second electrical signal, which indicates if a gear in the automatically shifting transmission cannot be synchronized within a prescribed time interval;
 - c) by means of a third sensor, generating a third electrical signal, which indicates if the engine is running; and
 - d) evaluating the first, second and third electrical signals in a logic

 AND-member which sets an error flag indicating a malfunction in the clutch-actuator if all
 three signals are affirmative.
 - 2. The method of claim 1, wherein the transmission is shifted into neutral when the error flag has been set.
 - 3. The transmission of claim 1, wherein the error flag is canceled if a selector lever of the transmission is actuated by a driver of the motor vehicle before a prescribed time limit has elapsed after the error flag has been set.
 - 4. An apparatus for automatically actuating a clutch with a clutch actuator, wherein the apparatus is adapted to perform the method of claim 1.
 - 5. An apparatus for automatically actuating a clutch with a clutch actuator, wherein the apparatus is adapted to perform the method of claim 1.